

Please amend Claims 1, 2, 5, 6, 8, 10 and 11-13 as follows:

1. (Amended) A magnetic detecting element comprising:

- a multilayer laminate including a first antiferromagnetic layer, a pinned magnetic layer, a nonmagnetic material layer, and a free magnetic layer deposited in that order from below;
- a nonmagnetic interlayer deposited on the free magnetic layer;
- a pair of first ferromagnetic layers on the nonmagnetic interlayer in end portions in athe track width direction of the magnetic detecting element, the first ferromagnetic layers being separated in thea track width direction by a space therebetween;
- a pair of second antiferromagnetic layers separately deposited on the respective first ferromagnetic layers;
- a pair of second ferromagnetic layers separately deposited on the respective second antiferromagnetic layers; and
- electrode layers,

wherein athe magnetization direction of the second ferromagnetic layers is antiparallel to that of the first ferromagnetic layer.

2. (Amended) A magnetic detecting element according to Claim 1, wherein athe distance in the track width direction between the second antiferromagnetic layers is larger than athe distance in the track width direction between the first ferromagnetic layers so that the first ferromagnetic layers jut out under ~~the~~ respective internal side surfaces in the track width direction of the second antiferromagnetic layers, toward athe center in the track width direction of the magnetic detecting element, and the electrode layers lie over the second antiferromagnetic layers and ~~the~~ jutting portions of the first ferromagnetic layers.

3. (Original) A magnetic detecting element according to Claim 2, wherein the second ferromagnetic layers lie over the second

antiferromagnetic layers and the jutting portions of the first antiferromagnetic layers.

4. (Original) A magnetic detecting element according to Claim 2, wherein the second ferromagnetic layers overlie only the second antiferromagnetic layers.

5. (Amended) A magnetic detecting element according to Claim 1, the second ferromagnetic layers comprise a soft magnetic material and are deposited directly on the upper surfaces of the second antiferromagnetic layers.

6. (Amended) A magnetic detecting element according to Claim 5, wherein ~~at~~ the magnetic moment per area of the free magnetic layer is larger than that of the first ferromagnetic layers.

7. (Original) A magnetic detecting element according to Claim 1, further comprising nonmagnetic layers between the respective second antiferromagnetic layers and the second ferromagnetic layers, wherein the second ferromagnetic layers comprise a hard magnetic material.

8. (Amended) A magnetic detecting element according to Claim 1, further comprising nonmagnetic layers between the respective second antiferromagnetic layers and the second ferromagnetic layers, and third antiferromagnetic layers on the respective upper surfaces of the second ferromagnetic layers, wherein the second ferromagnetic layers comprise a soft magnetic material.

9. (Original) A magnetic detecting element according to Claim 8, wherein the first antiferromagnetic layers, the second antiferromagnetic layers, and the third antiferromagnetic layers comprise the same material.

10. (Amended) A magnetic detecting element according to Claim 8, wherein the third antiferromagnetic layers comprises a material having a blocking temperature lower than that of the materials of the first antiferromagnetic layers and the second antiferromagnetic layers.

11. (Amended) A magnetic detecting element according to Claim 7, wherein athe magnetic moment per area of the free magnetic layer is larger than that of the first ferromagnetic layers.

12. (Amended) A magnetic detecting element according to Claim 7, wherein athe magnetic moment per area of the free magnetic layer is smaller than that of the first ferromagnetic layers.

13. (Amended) A magnetic detecting element according to Claim 1, wherein the second antiferromagnetic layers jut out from the lower edges of the internal side surfaces thereof onto the respective jutting portions of the first ferromagnetic layers with athe thickness thereof reduced.

14. (Original) A magnetic detecting element according to Claim 1, wherein the electrode layers lie above and under the multilayer laminate.